SHA's Design-Build and Asset Warranty of Stormwater Management Facilities and Drainage Assets in District 6

Design-Build, Competitive Sealed Proposal Project

INFORMATIONAL MEETING

July 16, 2013

SHA's Design-Build and Asset Warranty of Stormwater Management Facilities and Drainage Assets in District 6

Project Information

- The project focuses on the rehabilitation of existing stormwater management (SWM) facilities and drainage assets within District 6.
- The design activities will be performed in accordance with current SWM design standards, including the MDE 2000 Maryland Stormwater Design Manual and SHA SWM Site Development Criteria.
- The objective is to improve efficiency of water quality controls and bring facilities into compliance with current safety standards.
- Options may include improving inflow stability, installing forebays and other pre-treatment features, constructing underground filters, establishing infiltration practices, modifying control structures, providing access for construction and maintenance, and enhancing outflow stability.
- The project may result in the purchase of right-of-way and easements as well as impacts to wetlands and forested areas.
- SHA has identified twenty-three (23) SWM facilities and five (5) drainage improvement sites.

Competitive Sealed Proposals

The Contract is design-build and procured using the "Competitive Sealed Proposals" procurement method as defined in the Code of Maryland Regulations (COMAR) Title 21, Subtitle 05, Chapter 3.

Competitive Sealed Proposals

The intent of the Administration is to award the Contract to the Design-Build Team whose Proposal is determined to be the most advantageous to the State considering the technical evaluation factors and price.

Competitive Sealed Proposals

Two Step Procurement Process

Step 1 – Request For Qualifications (RFQ)

Step 2 – Request For Proposals (RFP)

Step 1 – Request For Qualifications (RFQ)

Step 1 – RFQ

Objective: To create a Reduced Candidate List (RCL) of the most highly qualified Proposers with the technical expertise and organizational structure necessary to successfully undertake and complete the Work.

A Draft RFP and limited project support information will be made available with the advertisement of the RFQ.

Step 1 – RFQ

Statement of Qualifications (SOQ)

Evaluation Factors

A. Lead Design Firm Experience/Qualifications and Past Performance

B. Lead Construction Firm Experience/Qualifications and Past Performance

C. Project Understanding and Team Organization

Lead Design Firm Experience/Qualifications and Past Performance

- Key Staff
  - Project Design Manager
  - Water Resources Design Engineer
  - Environmental Permitting Specialist
- Design Firm Past Performance
  - Relevant Projects – Three (3)
  - Environmental Past Performance

Lead Construction Firm Experience/Qualifications and Past Performance

- Key Staff
  - Design-Build Project Manager
  - Construction Manager
- Construction Firm Past Performance
  - Relevant Projects – Three (3)
  - Environmental Past Performance

Project Understanding and Team Organization

- Understanding of Project Scope and issues/risks
- Approach to DB Contracting and Team Integration
- Organizational Chart(s)

Step 1 – RFQ

Once SOQ evaluations are completed, a reduced candidate list (RCL) will be developed.

Those DB Teams who have made the RCL will be notified in writing and supplied with the Final RFP Package.

Step 2 – Request For Proposals (RFP)

Step 2 – RFP

Proposal submittal will include:

- *Technical Proposal*
- *Price Proposal*

Step 2 – RFP

Technical Proposal Evaluation Factors

I. *Project Technical Elements and Approach*
II. *Environmental Approach*
III. *Project Management*
IV. *Project Schedule*

Step 2 – Request For Proposals (RFP)

Price Proposal Evaluation Factors

I. *Lump Sum Price w/ Lump Sum Breakdown*

Step 2 – RFP

- The technical review team and price proposal team will be made up of separate groups of SHA staff.
- For the purpose of the RFP evaluation, the technical proposal will be given greater weight than the price proposal.
- Price proposal will be evaluated to verify Technical proposal elements.

Step 2 – RFP

This price shall be on a lump sum basis, and shall include all engineering, design, research investigation, construction, labor, equipment and materials, and all incidentals necessary to complete the design and construction of this project.

AT0655174 – Classification F ($5.0 Million to $10 Million)

Stormwater Management Facility Remediation/ Enhancement

- SHA has identified 23 facilities within District 6. Minimum Requirement: Restore original level of water quantity and water quality treatment.
- Existing facility types may need to retrofitted to maintain the same level of quantity or quality treatment.

Improved water quality is a benefit, not the minimum.


03/08/2012
BMP 210008 - Overall


BMP 110007 - Overall


BMP 010062 - Overall


03/07/2012
BMP 210234 - Outfall


009


BMP #010055 - Inflow


BMP 210003 SUBMERGED OBSERVATION WELL


ate (blocked)

Drainage Improvements

- Five sites within District 6. Each site has individual goals to be achieved.
- Examples include:
  - Failed sloped culvert.
  - Renewed or extended service life.
  - Divert water from terra cotta pipe.
  - Degraded stream channel.


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Challenges & Coordination

- R/W Acquisition
- Permits
- Facility Access
- Utility Coordination
- Traffic Control
- SWM Regulations and Safety Upgrades
- Aesthetics and Sustainability
- No Concepts Provided

Step 2 – Request For Proposals (RFP)

PROPOSED PROCUREMENT SCHEDULE
District-6 DBAW

Issue RFQ	August 13, 2013
Final Date for Receipt of Proposer's Questions	August 27, 2013
SOQ submittal to MSHA	September 10, 2013
RCL Notified/Issue RFP	October 2013
Technical & Price Proposals submittal to SHA	December 2013
Selection of Successful Team	January 2014

Information related to this presentation will be available at the following: www.roads.maryland.gov under Business Center, Contracts, Bids & Proposals, Competitive Sealed Proposals, AT0655174.

Questions?